

ENGLISH I/II/III/IV, AP LITERATURE & COMPOSITION

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English I/ AP Lit - English I : We will be jumping right into Unit 4 - Argumentative Text : Rhetorical Analysis and Composition. Students will be reading short stories for their literature circles. AP Lit : We will complete Unit 4 and review nuances, values, beliefs and bias through character development analysis. Students will be reading Maus, Night and a variety of teacher selected short stories to complete Unit 4 requirements.

English II - In January, English II classes will be analyzing informational and persuasive texts, comparing across genres. Classes will look at the elements of the different types of texts and practice writing essays of different genres.

English III/IV - ELAR III will be making connections across texts with Rhetorical and Literary Analysis. ELAR IV will be composing an Argumentative Essay about a self-selected debatable topic of interest. They will create an individual research plan and annotated bibliography. We will also continue our Independent Reading Projects.

Algebra I/II, Geometry, PreCalculus, Statistics:

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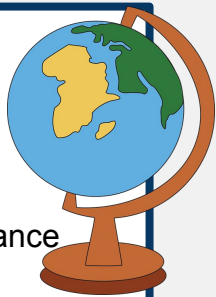
Algebra I / II - Alg 1 : We are learning to multiply polynomials. We will be multiplying and dividing of exponents of the same variable. Alg II: We are reviewing square root functions. We will be transforming the graphs of radicals.

Geometry / Algebraic Reasoning - **Geometry** is starting Unit 5, Relationships of Right Triangles including Trigonometry. It should finish up by mid February. **Algebraic Reasoning** will continue to work on the Operations of Functions, Unit 3, and test in two weeks.

Precalculus/ Stats/ Algebra II - **Algebra II** are finishing up Unit 5 Quadratic Functions, Equations and Inequalities. **Precalculus** : Beginning Unit 5 Exponential and Logarithmic functions and equations. **Statistics**: finishing up Unit 5 on Conditional Probability.

World Geography, World History, AP World History:

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World History - We will be completing unit 9- Civilization of Asia and Unit 10 - Renaissance Era.

US History / Economics and Govt. - **US History** students will be presenting their roaring twenties children books, and begin designing their World War II paper airplanes. The **Economics** class will begin choosing which stocks they will be using for their stock market project. The **Government** class is picking who from their group is going to run for Governor of Texas, and what the motto and campaign poster for their party is going to be

World Geography /AP World History - **w. Geo** is starting Unit 5 Europe and will cover physical and political geography, political divisions, cultural unity, European Union, 20th Century conflict, impact of negative population growth, economic development, sharing cultural heritage, convergence and divergence.

APWH: Unit 5 Revolutions including The Enlightenment and Nationalism, Adam Smith, Capitalism, American And French Revolutions

Chemistry, Physics, Forensics, Biology, AP Bio

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Chemistry/Physics - Chemistry: We will study the three major nuclear reactions that students will be able to compare and contrast: fission, fusion, and naturally occurring radioactive decay. We will also discuss real world applications, both in the very small and very big (atomic energy composition vs. astronomy). They will study how isotopes play a large role in radioactive decay. **Physics:** We are starting 2-Dimensional Kinematics and will study Free Fall and Projectile Motion.

Physics/ Forensics - Ms. Shook is currently under a doctor's care but physics and forensics students will continue to review their lessons and complete assigned tasks in google classroom.

Biology/ AP Bio- 9th Bio: We are looking at the relationship between photosynthesis and cellular respiration. We will dive deep into respiration by learning the processes of glycolysis, the Krebs cycle, and the Electron Transport Chain. We will also look at how we can make energy when oxygen isn't available. **AP Bio:** We will be finishing up Unit 5 (Genetics & Chromosomal Inheritance). We will look to see how traits are passed on, mutated, and expressed. Genetic diseases will also be discussed.

Electives



Art, Spanish, Computer Science, Leadership, Family and Community Service, Practicum of Entrepreneurship, Theatre, PE:

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Art I/II/III/IV - Art I : Starting the year off strong, the students are making vision boards to establish goals for themselves this year! Then we kick off our semester of 3D art. Their first 3D project will be creating seascape light boxes, followed by scratch art, tissue paper stained glass and more! **Art II / III :** To kick off the semester of 3D advanced art, these students will be carving their own wooden sculptures! This is all hand carved and will be a multiple week project that focuses on their skills of POV and thinking "in the round."

Computer Science - AP Computer Science : In **AP computer science** we will be starting a new unit on ArrayLists. We will use the knowledge from unit 6 to help with storing multiple related data values. **Computer Science 1 :** We will begin unit 9 on Inheritance. In this unit, students will learn how to recognize common attributes and behaviors that can be used in a superclass and will then create a hierarchy by writing subclasses to extend a superclass. recognizing and utilizing existing hierarchies will help students create more readable and maintainable programs. In **CS2 :** We will continue our unit focusing on classes and object-oriented programming that teaches students the basics of Object Oriented Programming in Java, which is a powerful programming paradigm. Students will learn how objects store data and interact with each other in Java programs. Students will design and implement and extend classes using inheritance.

Leadership - In Leadership, we will focus on earning credits for real-world learning by completing key requirements such as mock interviews, internships, job shadowing, and practicums

Family and Community Service/ Practicum of Entrepreneurship - When we get back from our Christmas break, we are going to hit the ground running by finishing up our work on their Defense of Learning rough drafts. We will then jump into getting them prepared for their upcoming Mock Interviews. **POE :** Now that the students have created their own business plans, it is time for them to focus on what real businesses are doing. They will accomplish this by doing an in-depth case study on an entrepreneurial business.

Spanish I/II - Spanish students, in this second semester, will focus on writing and exposing ideas and suggestions. They will be able to express and exchange opinions and preferences. Likewise, we will focus on identifying the main idea of a text and supporting its arguments.

PE - In PE / Health this week we will be going over our goals for the semester. We will be going over volleyball and workout Wednesday as well

Theatre - We will be reviewing terms from the first semester. Then we will begin exploring technical theatre aspects such as lighting, sound, costumes, and set design. This will lead us into the importance of safety in stagecraft.

ASL - ASL is doing Vocabulary Review and learning the Star Spangled Banner.

Reminders/Important Info

- **The Art fee** is crucial to our art program that allows us to purchase all of the supplies for the year. Please make sure you have checked your student's MySchoolBucks account and that this is paid so that we can ensure they have all the materials they need to have a fun and creative semester!
- **Spanish** : Speech Presentation - Last week of January
- **Track and Field** season will start soon. If you are interested in joining please fill out the following form <https://forms.gle/hTZQKYqEBhDGgzXs9>. You can also touch base with Coach Rice arice@lpsfrisco.com
- **WINTER MAP TESTING SCHEDULE**
Language - Jan 13*,14,15 (Administered by leadership teachers)
(*Some leadership teachers will be out for training on the 13th so MAP will be administered on the 14th)
Math - Jan 15 & 16
Science - Jan 21 & 22
Reading - Jan 23 & 24

Uniform Expectations

Shirts (5th -12th) : Short and long sleeve shirts must be white, navy or forest green collared shirts. High school students may also choose a black collared shirt. Shirts must be solid in color with no insignia or logos except for the LPS logo. If a long sleeve undershirt is worn under a short sleeve shirt, it must be solid white, navy or forest green.

Pants : Pants and shorts for all students (and capris for girls) are to be khaki-colored or navy and made of cotton twill material (no yoga, cargo, joggers, or athletic-type pants). A solid black or brown belt must be worn if there are belt loops. Shorts may not be no more than 2 inches above the knee. Pants are to be worn at the natural waistline and hems of pants must not touch the floor.

Skirts : Girls may also wear khaki or navy skirts/skorts. The length must be **no shorter than four inches** above the knees, and **solid navy modesty shorts are to be worn underneath skirts/skorts/ at all times.**

Outerwear : Sweaters, sweatshirts or jackets worn indoors must be in keeping with the school's color scheme (solid white, navy or khaki [or forest green in grades 5 and up]) or black or gray. They must not have any lettering or logos other than the LPS logo. No outerwear with hoods will be allowed to be worn indoors (Hoodies are not allowed). Spirit crew neck sweatshirts may be worn with uniform shirt collar visibly worn outside of the sweatshirt.

Shoes : Shoes must be worn at all times. Only closed-toed, closed-heel shoes with non-marking soles are allowed. Shoes must be predominantly white, black, brown, grey-or navy (can be athletic, loafer style, or dress shoes). Shoes with shoelace holes must have shoelaces. Shoelace color must be white, navy or neutral and in good repair. No flip-flops, sandals, slippers, clogs, crocs, wheelies, light up shoes, platform shoes, wedges, or boots of any kind are allowed. Tennis shoes must be worn in PE. Heel height shall not be more than 1 inch.

